

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	10/294667.app.	US-PGPUB; USPAT	ADJ	ON	2008/05/15 14:49
S1	72	(("5903009") or ("5947053") or ("6080285") or ("6140235") or ("6179973") or ("6217721") or ("6217721") or ("6254745") or ("6398929") or ("6413383") or ("6471830") or ("6582569") or ("6652718") or ("6673716") or ("7041201") or ("7048837") or ("20040055880") or ("20040256215") or ("20050006222") or ("20050173239") or ("20050199491") or ("20050255691") or ("20060251872") or ("20070059502") or ("5672541") or ("6319369") or ("6423192") or ("6841044") or ("20040094402") or ("6001420") or ("6211040") or ("6211040") or ("6265311") or ("6268288") or ("6365510") or ("6380075") or ("6410432") or ("6410433") or ("6413860") or ("7157381") or ("20010027012") or ("20050277300") or ("4990234") or ("4596645") or ("5733419") or ("4491509") or ("4588490") or	US-PGPUB; USPAT	OR	OFF	2007/08/20 11:20

		("5232569") or ("5269894") or ("5433835") or ("5439574") or ("5487822") or ("5490910") or ("5529673") or ("5565071") or ("5595337") or ("5603816") or ("5641389") or ("5658439") or ("5676803") or ("5738770") or ("5772858") or ("5976327") or ("6177350") or ("6197167") or ("6214183") or ("6214183") or ("4278528") or ("4374722") or ("4374717") or ("4376688") or ("4416755") or ("4500409") or ("4508610") or ("4818359")).PN.				
S2	1	("20020073922").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 13:28
S3	10	((("6132566") or ("6120660") or ("5903009") or ("5837057") or ("5744016") or ("5614071") or ("5472509") or ("5152839") or ("4933063") or ("4166018"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 13:29
S4	2	wo-9831845-\$.did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 13:30
S5	0	wo-0019481-\$.did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 13:30
S6	1	wo-200019481-\$.did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 13:30
S7	3	wo-9831845-\$.did. or wo- 200019481-\$.did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 14:50
S8	0	(thin film) and sputter and (thermal expansion rate) and (removable liner) and spall	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 15:01

S9	1	(thin film) and sputter and (thermal expansion rate) and (removable liner)	EPO; JPO; DERWENT	ADJ	ON	2007/08/20 15:01
S10	1	(thin film) and sputter and (thermal expansion rate) and (removable liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:01
S11	1	(thin film) and sputter and (thermal expansion rate) and (removable liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:24
S12	1	(thin film) and sputter and (thermal expansion rate) and (removable liner) and spall	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:02
S13	1	(thin film) and sputter and (thermal expansion rate) and liner	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:02
S14	1	(thin film) and sputter and (removable liner) and spall	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:02
S15	8	(thin film) and sputter and (removable liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:02
S16	1	sputter and (thermal expansion rate) and (removable liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:04
S17	1	sputter and (removable liner) and spall	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:04
S18	5	sputter and liner and spall and (thermal expansion)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:06
S19	335	sputter and (chamber with liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:06
S20	82	sputter and (chamber with liner) and (thermal expansion)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:59
S21	2	sputter and (chamber with liner) and (thermal expansion) and spall	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:06
S22	1	("5885356").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 15:24
S23	1	sputter and (chamber with liner with fabric)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:59
S24	1	sputter and (chamber with liner with fiber)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 15:59
S25	7	sputter and chamber and (liner with fiber)	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:29

S26	29	sputter and (chamber with liner) and fiber	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:30
S27	68	sputter and ((chamber or wall or side) with liner) and fiber	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:43
S28	7	sputter and ((chamber or wall or side) with liner with (fiber or fabric))	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:44
S29	98	sputter and (chamber liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:30
S30	194	(PVD or (physical vapor deposition)) and (chamber liner)	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:36
S31	10	eckerson.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:30
S32	2	(PVD or (physical vapor deposition)) and (chamber liner) and 204/298.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:31
S33	14	(PVD or (physical vapor deposition)) and (chamber liner) and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:32
S34	439	(PVD or (physical vapor deposition)) and (chamber (shield or liner))	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:37
S35	4	(PVD or (physical vapor deposition)) and (chamber (shield or liner)) with (fiber or grain or fibrous or fabric or woven)	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:58
S36	6	(PVD or (physical vapor deposition)) and (chamber (shield or liner)) with (fiber or grain or fibrous or fabric or woven or crystal)	US-PGPUB; USPAT	ADJ	ON	2007/08/21 12:59
S37	1	("5811195").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:24
S38	9	(chamber (liner or shield)) with (fastener or nail or screw or connector or support) with (al or aluminum)	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:26
S39	98197	(fastener or nail or screw or connector or support) with (al or aluminum)	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:26

S40	11	((fastener or screw or connector) with (al or aluminum)) and (surface with rough with (micron or micrometer))	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:27
S41	200	mechanical and aluminum and fastener and calendar	US-PGPUB; USPAT	ADJ	ON	2007/08/28 13:13
S42	67	mechanical and aluminum and fastener and calendar and micron	US-PGPUB; USPAT	ADJ	ON	2007/08/28 13:14
S43	84	(mechanical fastener) and aluminum and ra	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:58
S44	67	(mechanical fastener) and aluminum and ra and screw	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:58
S45	0	((mechanical fastener) with aluminum) and ra and screw	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:58
S46	1	((mechanical fastener) with aluminum) and ra	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:06
S47	4	((mechanical fastener) with aluminum) and (surface near5 rough)	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:10
S48	9	((mechanical fastener) with aluminum) and rough	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:22
S49	273	(mechanical fastener) and aluminum and screw and surface and rough	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:23
S50	63	(mechanical fastener) and aluminum and screw and surface and rough and (micron or micrometer)	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:23
S51	56951	(surface near5 rough) or (rough near5 surface)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 11:12
S52	2134	((surface near5 rough) or (rough near5 surface)) and sputter	US-PGPUB; USPAT	ADJ	ON	2007/08/29 11:12
S53	0	((surface near5 rough) or (rough near5 surface)) and sputter (average with rough)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 11:12
S54	0	((surface near5 rough) or (rough near5 surface)) and sputter (average with surface)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 11:13

S55	31	((surface near5 rough) or (rough near5 surface)) and sputter and (average with rough)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:56
S56	1	("5039265").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 12:57
S57	3	((("5338422") or ("5427665") or ("6365010"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/04 09:07
S58	10	((("6132566") or ("6120660") or ("5903009") or ("5837057") or ("5744016") or ("5614071") or ("5472509") or ("5152839") or ("4933063") or ("4166018"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/07 11:23
S59	7531	chamber and liner and deposition	US-PGPUB; USPAT	ADJ	ON	2008/02/07 11:31
S61	165	chamber and (liner with (fiber or mat or fibrous or woven or interwoven)) and deposition and (ceramic or aluminum)	US-PGPUB; USPAT	ADJ	ON	2008/02/07 11:37
S62	2	chamber and (liner with (fiber or mat or fibrous or woven or interwoven)) and deposition and (ceramic or aluminum) and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2008/02/07 11:38
S63	14	((("3819468"   "3832815"   "3854262"   "3892396"   "3930916"   "3990203"   "4001996"   "4062160"   "4102103"   "4120641"   "4202148").PN. OR ("4414786").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/07 11:46
S64	2	jp-11006049-\$.did. or jp-62202075-\$.did.	JPO	ADJ	ON	2008/02/07 12:26
S65	2	((("4414786") or ("3930916"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 09:27
S66	32	sajoto.in.	US-PGPUB; USPAT	ADJ	ON	2008/05/13 18:54
S67	1	("20050089699").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/13 19:06
S68	520	(remov\$4 with shield) and (pvd or (physical near1 vapor near1 deposition))	US-PGPUB; USPAT	ADJ	ON	2008/05/13 19:07

S69	14	(remov\$4 with shield with clamp) and (pvd or (physical near1 vapor near1 deposition))	US-PGPUB; USPAT	ADJ	ON	2008/05/13 19:08
S70	3	((("20030094365") or ("4414786") or ("3930916"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/13 19:24
S71	1	("5135629").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/14 13:47
S72	284	chamber and (liner with (fiber or mat or fibrous or woven or interwoven)) and deposition	US-PGPUB; USPAT	ADJ	ON	2008/05/14 14:03
S73	1	("20030094365").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/14 14:10

5/ 15/ 2008 3:09:27 PM

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